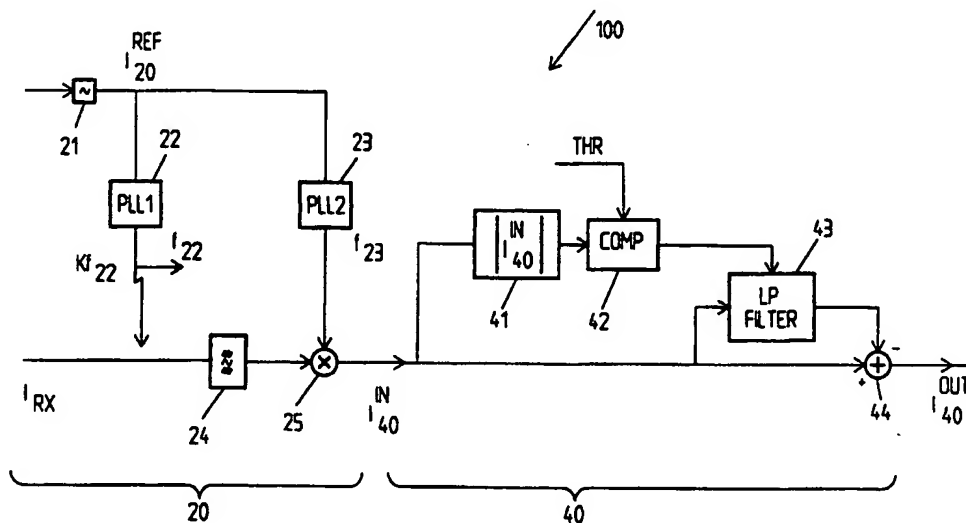




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: ARRANGEMENT AND METHOD RELATING TO RADIO COMMUNICATION



## (57) Abstract

The present invention relates to an arrangement (100) and a method respectively for suppressing clock overtones generated in a receiving arrangement of a radio communication system which receives signals within at least one frequency band and wherein the receiving arrangement comprises a number of oscillators including local oscillators and digital clocking means. The arrangement (100) comprises a phase locking arrangement (20) which includes a number of phase locking means (22; 23) for locking the oscillators in relation to each other so that all clock overtone frequencies become co-located and well defined within the frequency band(s). The arrangement further comprises a filtering arrangement (40) for filtering out said clock overtones, thus producing an output signal (I OUT/40) which is substantially free from clock overtones.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 98/01935

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>				
<b>IPC6: H04B 1/10</b> According to International Patent Classification (IPC) or to both national classification and IPC				
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<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
<b>A</b>	<b>WO 9531860 A1 (ANALOG DEVICES, INC.),</b> <b>23 November 1995 (23.11.95), page 5,</b> <b>line 16 - line 27, abstract.</b>  <div style="text-align: center;">-- -----</div>	<b>1-22</b>		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.				
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<b>12 May 1999</b>		<b>18 -05- 1999</b>		
Name and mailing address of the ISA / <b>Swedish Patent Office</b> <b>Box 5055, S-102 42 STOCKHOLM</b> Facsimile No. +46 8 666 02 86		Authorized officer  <b>Malin Gullstrand</b> Telephone No. +46 8 782 25 00		

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Information on patent family members

07/04/99

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PCT/SE 98/01935

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